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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No. 107044-0011

First Inventor Gerhard Beckmann et al.

Title APPARATUS AND METHOD FOR RAPIDLY INCREASING
POWER OUTPUT FROM A DIRECT OXIDATION FUEL
CELL

Express Mail Label No. EL 705604223US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 15]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 10]
[Total Pages 2]
5. Oath or Declaration [Total Pages 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
Prior application information. Examiner _____

of prior application No: _____ /
Group / Art Unit:

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

(Insert or

or ☐ Correspondence address below

Name

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Michael E. Attaya

Registration No. (Attorney/Agent)

31,731

Signature

Date

June 14, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for
Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

Complete If Known

Application Number	Not yet assigned
Filing Date	June 14, 2001
First Named Inventor	Gerhard Beckmann et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	107044-0011

TOTAL AMOUNT OF PAYMENT (\$) 1,070

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

- ☒ Check ☐ Money ☐ Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	710 201	35		Utility filing fee	710
106	320 206	160		Design filing fee	
107	490 207	245		Plant filing fee	
108	710 208	355		Reissue filing fee	
114	150 214	75		Provisional filing fee	
SUBTOTAL (1) (\$)					710

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
14	7		20**	0	0
			3**	4	320
					0

**or number previously paid, if greater; For Reissues, see below

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
103	18 203	9		Claims in excess of 20	
102	80 202	40		Independent claims in excess of 3	
104	270 204	135		Multiple dependent claim, if not paid	
109	80 209	40		**Reissue independent claims over original patent	
110	18 210	9		**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					320

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	130 205	65		Fee Surcharge - late filing fee or oath	
127	50 227	25		Surcharge - late provisional filing fee or cover sheet	
139	130 139	130		Non-English Specification	
147	2,520 147	2,520		For filing a request for reexamination	
112	920 112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840 113	1,840*		Requesting publication of SIR after Examiner action	
115	110 215	55		Extension for reply within first month	
116	390 216	195		Extension for reply within second month	
117	890 217	445		Extension for reply within third month	
118	1,390 218	695		Extension for reply within fourth month	
128	1,890 128	945		Extension for reply within fifth month	
119	310 219	155		Notice of Appeal	
120	310 220	155		Filing a brief in support of an appeal	
121	270 221	135		Request for oral hearing	
138	1,510 138	1,510		Petition to institute a public use proceeding	
140	110 240	55		Petition to revive - unavoidable	
141	1,240 241	620		Petition to revive - unintentional	
142	1,240 242	620		Utility Issue fee (or reissue)	
143	440 243	220		Design Issue fee	
144	600 244	300		Plant Issue fee	
122	130 122	130		Petitions to the Commissioner	
123	50 123	50		Petitions related to provisional applications	
126	240 126	240		Submission of Information Disclosure Stmt	
581	40 581	40		Recording each patent assignment per property (times number of properties)	40
146	710 246	355		Filing a submission after final rejection (37 CFR 1.129(a))	
149	710 249	355		For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)					
Other fee (specify)					
SUBTOTAL (3) (\$)					40

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name Michael E. Attaya

Signature

Michael E. Attaya

Date

June 14, 2001

Complete (if applicable)

Reg. Number

31,731

Deposit Account User ID

PATENTS
107044-0011



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Gerhard Beckmann et al.)
Serial No.: Not yet assigned)
Filed: June 14, 2001)
For: APPARATUS AND METHOD FOR)
RAPIDLY INCREASING POWER)
OUTPUT FROM A DIRECT OXI-)
DATION FUEL CELL)

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
June 14, 2001

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EL 705604223US

The following papers are being deposited with the United States Postal Service
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

<u>X</u> Patent Application (15 pages including 14 claims)	<u>X</u> Oath or Declaration
<u>X</u> Power of Attorney	<u>X</u> Utility Patent Application Transmittal Letter
<u>X</u> Fee Transmittal Letter	<u>X</u> Informal Drawing (10 sheets)
<u>X</u> Assignment With Recordation Form Cover Sheet	
<u>X</u> Check No. 22599 for \$710.00	<u>X</u> Check No. 22606 for \$320.00
<u>X</u> Check No. 22611 for \$40.00	